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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Stanley W. Adermann et al.

Examiner: Zhen, Li B

Patent No.: 6,961,942

Group Art Unit: 2194

Issue Date: Nov. 1, 2005

Confirmation No.: 8239

Customer No.: 22971

Docket No: 163940.01

Title: BLUETOOTH TDI AND WINSOCK INTERFACE

Attn: Certificate of Correction Branch  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**Certificate**  
AUG 05 2009  
**of Correction**

We are transmitting herewith the attached:

- ☒ Authorization to charge the Certificate of Correction fee of \$100.00 to the Deposit Account No. **50-0463**.
- ☒ Request for Certificate of Correction (1 pg.).
- ☒ Certificate of Correction Form - PTO-1050 (3 pgs.)
- ☒ A return postcard.

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**Customer Number: 22971**

By: /Sung T. Kim/  
Attorney Name: Sung T. Kim  
Reg. No.: 45,398

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*Christine Hartness*

Christine Hartness

Patent 6,961,942

PATENT

**IN UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicant: Stanley W. Adermann et al

Examiner: Zhen, Li B

Patent No.: 6,961,942

Group Art Unit: 2194

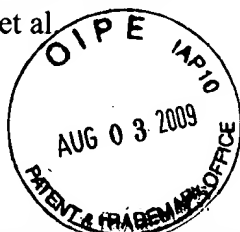
Issue Date: Nov. 1, 2005

Confirmation No.: 8239

Customer No.: 22971

Docket No: 163940.01

Title: BLUETOOTH TDI AND WINSOCK INTERFACE



**REQUEST FOR CERTIFICATION OF CORRECTION**

Attn: Certificate of Correction Branch  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

It is requested that a Certificate of Correction be issued correcting printing errors appearing in the above-identified United States patent. Two copies of the text of the Certificate in the suggested form are enclosed.

Pursuant to 1.20(a), the examiner is authorized to charge the Certificate of Correction fee of \$100.00 to the Deposit Account No. **50-0463**.

Issuance of the Certificate of Correction would neither expand nor contract the scope of the claims as properly allowed, and re-examination is not required.

The Examiner is authorized to charge any additional fees or credit overpayment to Deposit Account No. **50-0463**.

Respectfully submitted,

**Customer Number: 22971**

Date: May 28, 2009

By: /Sung T. Kim/

Attorney Name: Sung T. Kim

Reg. No.: 45,398

**CERTIFICATE UNDER 37 CFR § 1.8:** The undersigned hereby certifies that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail, in an envelope addressed to: Attn: Certificate of Correction Branch, Commissioner for Patents, P.O. Box 1450 Alexandria, VA 22313-1450, on this 29<sup>th</sup> day of July 2009.

*Christine Hartness*

Christine Hartness

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## UNITED STATES PATENT AND TRADEMARK OFFICE CERTIFICATE OF CORRECTION

PATENT NO : 6,961,942

DATED : Nov. 1, 2005

INVENTOR(S) : Stanley W. Adermann et al.

It is certified that error appear in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

On the face page, in field (56), under "Other Publications", in column 2, line 22, delete "(14 pgs." and insert - - (14 pgs.). - -, therefor.

On page 2, in field (56), under "Other Publications", in column 1, line 5, delete "(42 pgs." and insert - - (42 pgs.). - -, therefor.

On page 2, in field (56), under "Other Publications", in column 1, line 12, after "Oct., 1992" delete ":" and insert - - ; - -, therefor.

On page 2, in field (56), under "Other Publications", in column 1, line(s) 13-14, delete "Architecture- "(White Paper)" and insert - - Architecture" (White Paper) - -, therefor.

On page 2, in field (56), under "Other Publications", in column 1, line 23, delete "Designers" and insert - - Designer's - -, therefor.

In column 2, line 17, insert - - mode - -, before "application".

In column 6-7, line(s) 49-67 and 1-5, delete "Winsock routines are ordinarily implemented as a dynamic link library (dll). The Winsock hierarchy generally consists of a Winsock-compliant application interfaced to a Winsock-compliant TCP/IP stack via the Winsock API. The stack in turn interfaces to the appropriate network driver. The manner in which Winsock is incorporated in this embodiment of the invention is illustrated in FIG. 2. This figure illustrates various interrelated system components in the user level and kernel level of a system according to an embodiment of the invention. In overview, the Winsock DLL 201 (WS2\_32.DLL) accesses the L2CAP layer 203 (BTHPORT.SYS) via a translation layer BTHTDI.SYS 205. A Winsock helper 207 (WSHBTH.DLL) provides addressing and other Bluetooth-specific functionality for use by the Winsock DLL 201. The service provider AFD.SYS 209 is the standard Winsock2 service provider for transports such as

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Atty Docket No: 163940.01

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## UNITED STATES PATENT AND TRADEMARK OFFICE CERTIFICATE OF CORRECTION

PATENT NO : 6,961,942  
DATED : Nov. 1, 2005  
INVENTOR(S) : Stanley W. Adermann et al.

It is certified that error appear in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

TCPIP and IrDA, and interfaces to user mode via MSAFD.DLL 211. In addition to implementing the L2CAP protocol, BTHPORT.SYS 203 also may implement the Host Controller Interface (HCI), Service Discovery Protocol (SDP), and Link Manager Protocol (LMP) as these are defined in the Bluetooth specification." and insert - - Winsock routines are ordinarily implemented as a dynamic link library (dll). The Winsock hierarchy generally consists of a Winsock-compliant application interfaced to a Winsock-compliant TCP/IP stack via the Winsock API. The stack in turn interfaces to the appropriate network driver. The manner in which Winsock is incorporated in this embodiment of the invention is illustrated in FIG. 2. This figure illustrates various interrelated system components in the user level and kernel level of a system according to an embodiment of the invention. In overview, the Winsock DLL 201 (WS2\_32.DLL) accesses the L2CAP layer 203 (BTHPORT.SYS) via a translation layer BTHTDI.SYS 205. A Winsock helper 207 (WSHBTH.DLL) provides addressing and other Bluetooth-specific functionality for use by the Winsock DLL 201. The service provider AFD.SYS 209 is the standard Winsock2 service provider for transports such as TCPIP and IrDA, and interfaces to user mode via MSAFD.DLL 211. In addition to implementing the L2CAP protocol, BTHPORT.SYS 203 also may implement the Host Controller Interface (HCI), Service Discovery Protocol (SDP), and Link Manager Protocol (LMP) as these are defined in the Bluetooth specification. - -, therefor, on line 48, Col. 6, after "TCP/IP protocol.". (as continuation of the paragraph)

In column 10, line 36, delete "sockets" and insert - - socket() - -, therefor.

In column 15, line 38, delete "sockets" and insert - - socket() - -, therefor.


In column 18, line 33, before "Level" delete "{" and insert - - ( - -, therefor.

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## UNITED STATES PATENT AND TRADEMARK OFFICE CERTIFICATE OF CORRECTION

PATENT NO : 6,961,942  
DATED : Nov. 1, 2005  
INVENTOR(S) : Stanley W. Adermann et al.

It is certified that error appear in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

In column 18, line(s) 65-67, delete "For example, the BTHTDI Winsock helper may use "42a6920f-e18b-4cd9-ac3c-ed490446eeeb" as its GUID value." and insert - - For example, the BTHTDI Winsock helper may use "42a6920f-e18b-4cd9-ac3c-ed490446eeeb" as its GUID value. - -, therefor, on line 64 after "helper DLL.". (as continuation of the paragraph)

In column 19, line 32, after "0" insert - - , - -.

In column 19, line 57, after "WSHloct1" insert - - ( - -.

In column 19, line 60, delete "TdiConectionObjectHandle" and insert - - TdiConnectionObjectHandle - -, therefor.

In column 20, line 6, delete "};" and insert - - ); - -, therefor.

In column 20, line 54, delete "NT 10" and insert - - NT IO - -, therefor.

In column 21, line(s) 10-12, delete "For example, with respect to IRP\_MJ\_PNP, PNP, minor functions may be propagated down the stack rather than processed." and insert - - For example, with respect to IRP\_MJ\_PNP, PNP, minor functions may be propagated down the stack rather than processed. - -, therefor, on line 9 after "be processed.". (as continuation of the paragraph)

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